

AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions and listings of claims in this Application.

Listing of Claims

1-6 (Withdrawn)

7. (Currently amended) A method of treatment of sexual dysfunction comprising administering to a subject having a sexual dysfunction an agent capable of selectively modulating an IK_{Ca} channel activity in the sexual genitalia, wherein said agent is optionally admixed with a pharmaceutically acceptable carrier, diluent or excipient.

8. (Original) A method according to claim 7 wherein the modulation of the IK_{Ca} channel activity is capable of mediating a relaxation of the corpus cavernosal smooth muscle tone.

9. (Cancelled)

10. (Currently amended) A method according to claim 9 ~~wherein the SD is a male SD (MSD) or a female SD (FSD) 7 or 8 wherein the subject has female or male sexual dysfunction.~~

11. (Currently amended) A method according to claim 10 ~~wherein the SD is an erectile dysfunction 7 or 8 wherein the subject has erectile dysfunction.~~

12. (Currently amended) A method according to claim 9 ~~7 or 8~~ wherein the SD sexual dysfunction is a male erectile dysfunction (ED).

13. (Currently amended) A method according to claim 7 or 8 wherein the ~~composition comprises~~ agent is admixed with a pharmaceutically acceptable carrier, diluent or excipient.

14-31 (Withdrawn)